

FIG. 1

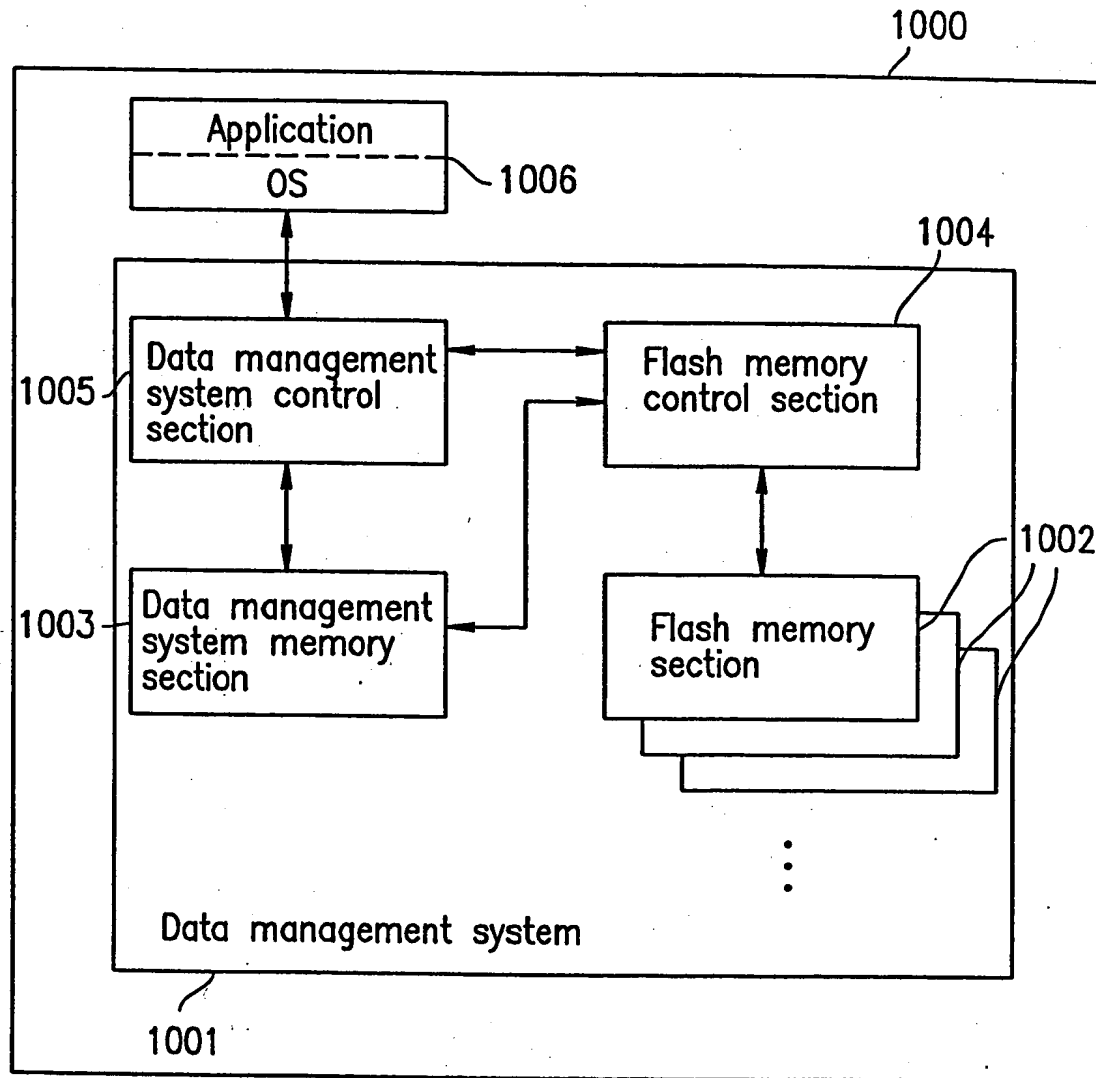
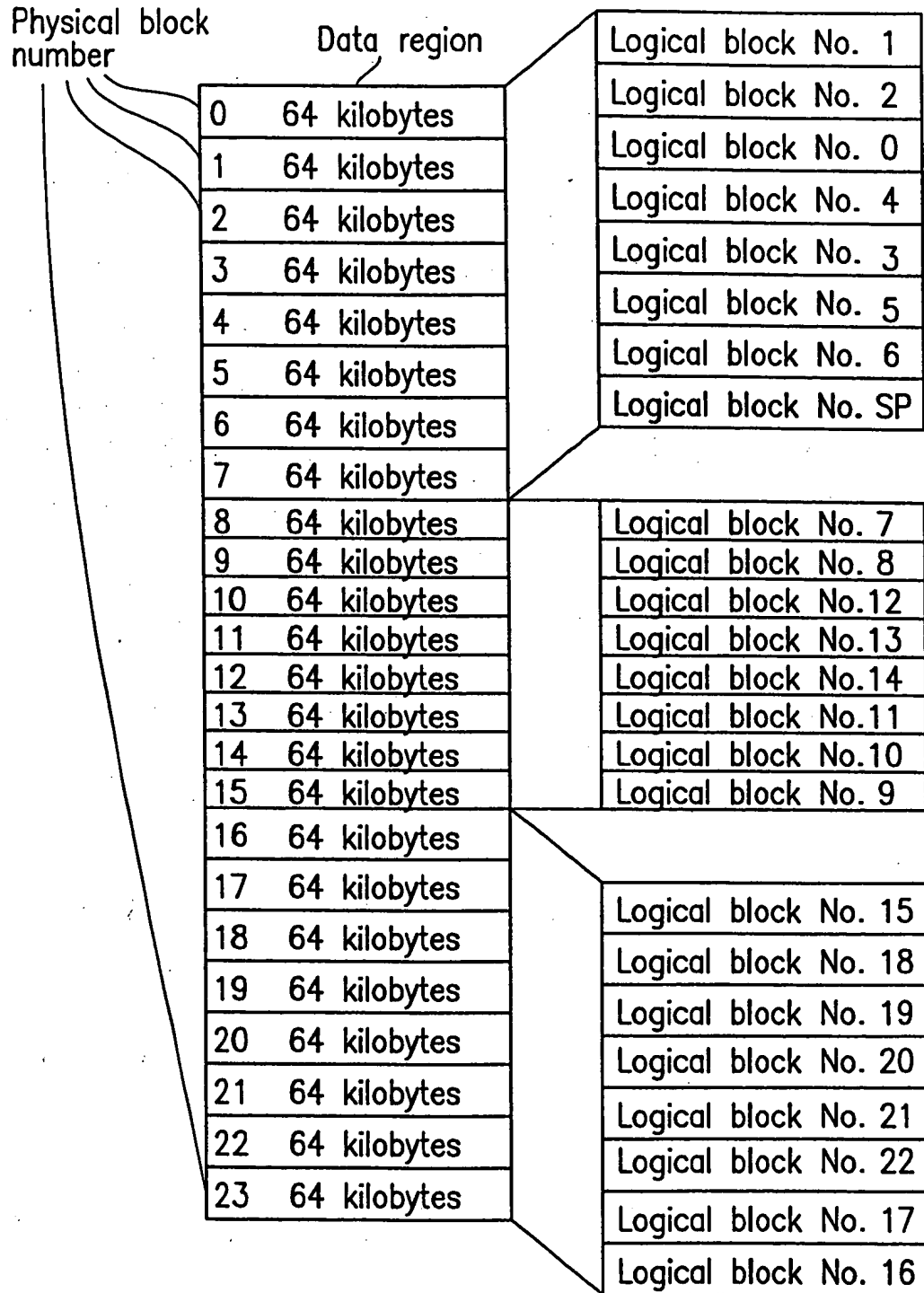


FIG. 2



100100795-100701

FIG. 3

ID management table

ID number	Logical block number	Logical sector number	Data size
10	2	3	200
⋮	⋮	⋮	⋮

FIG. 4

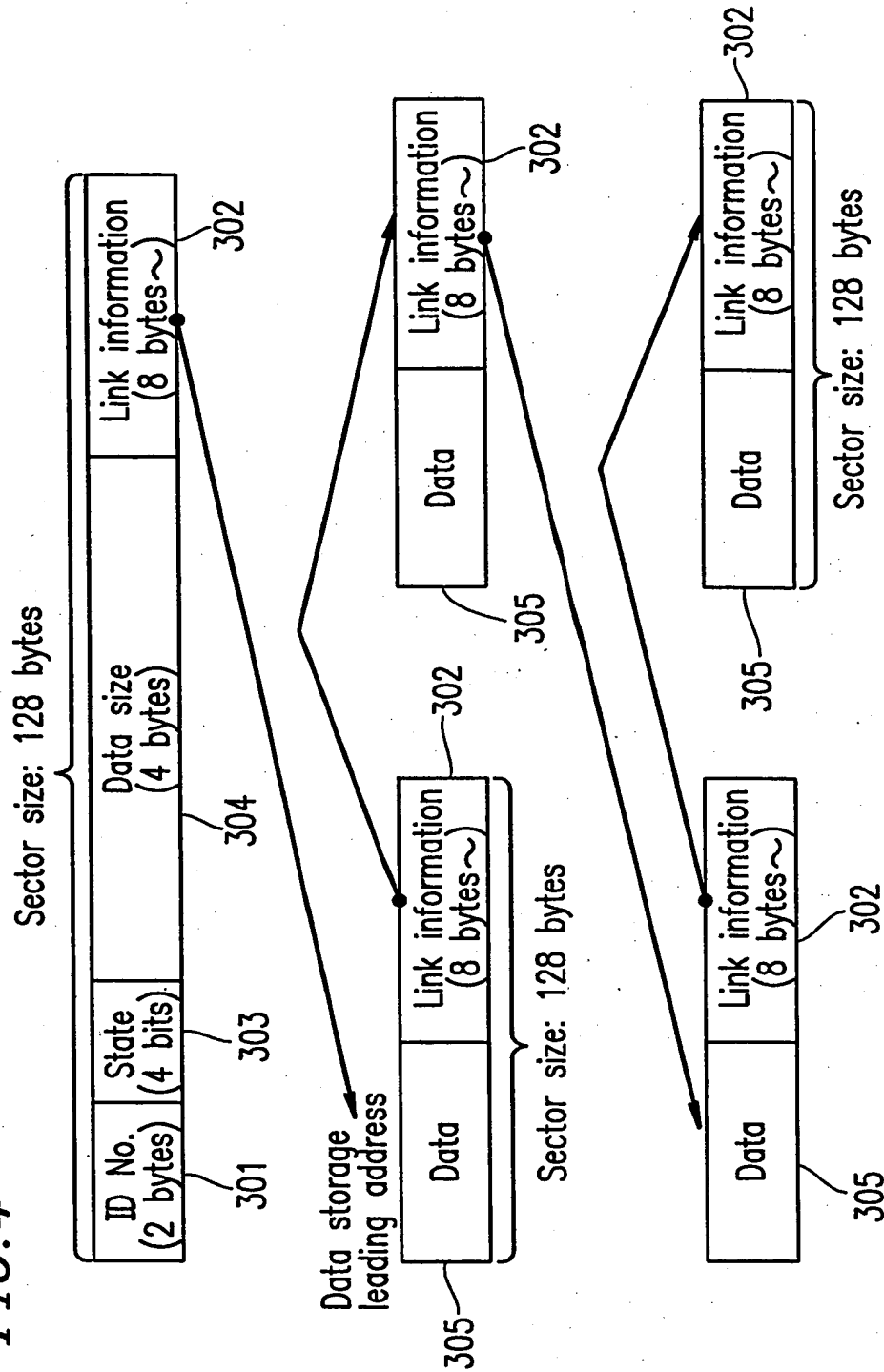


FIG. 5

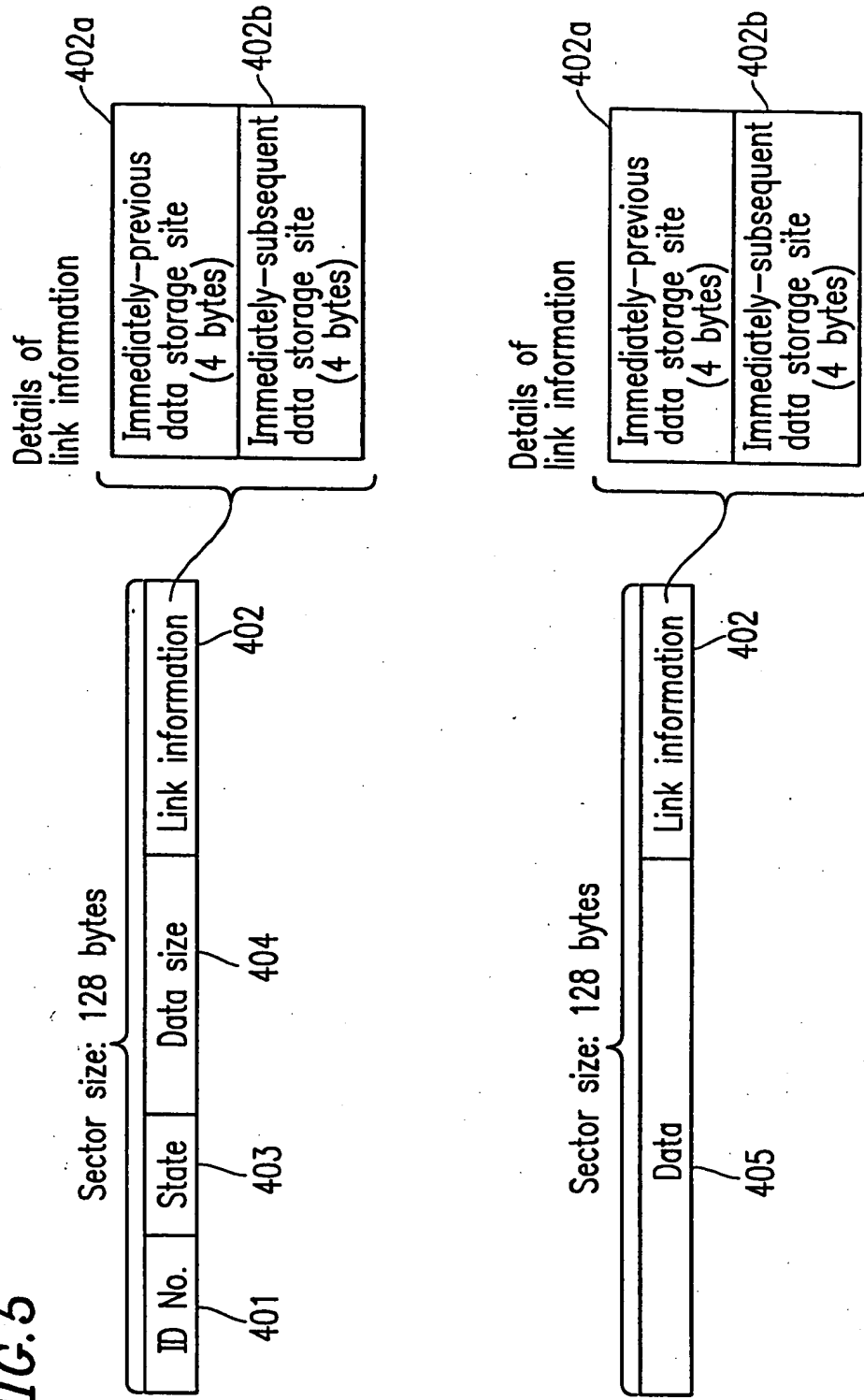
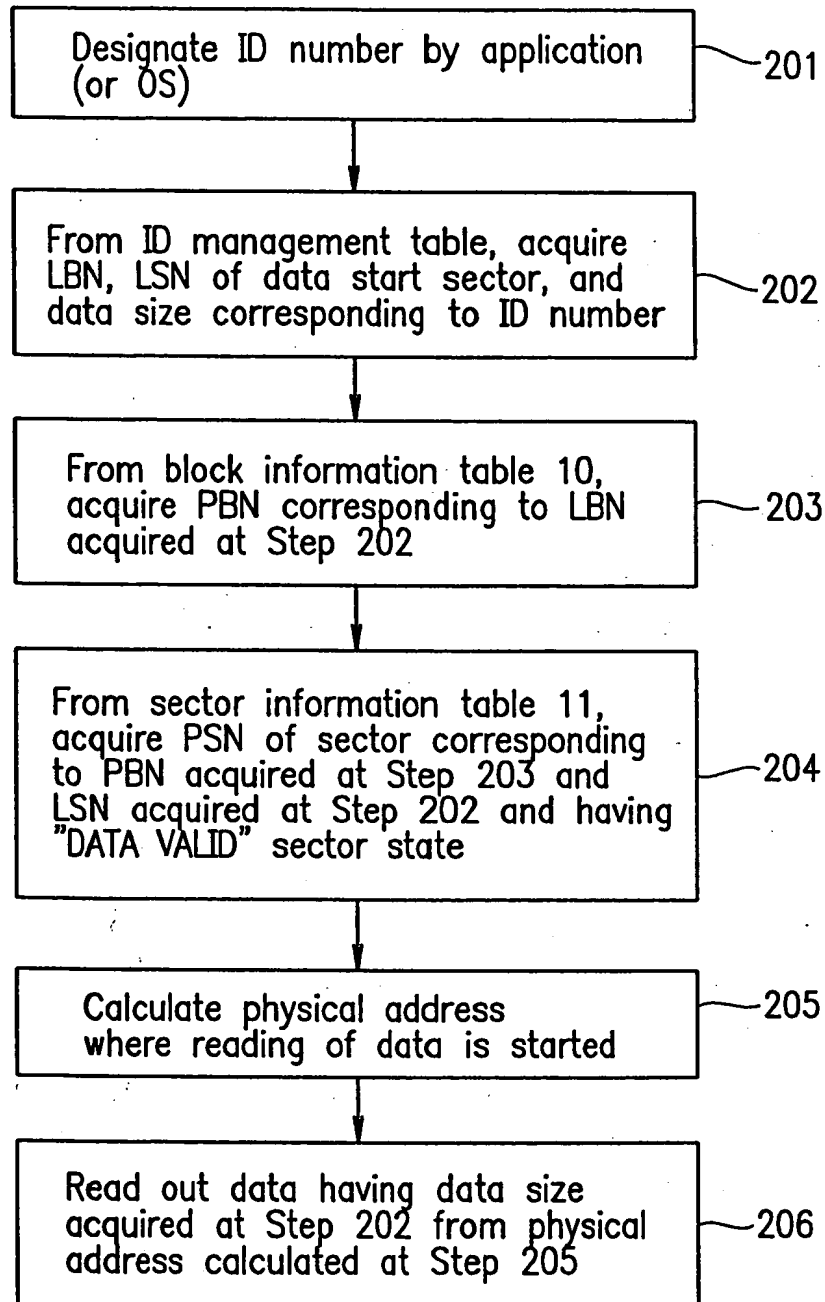
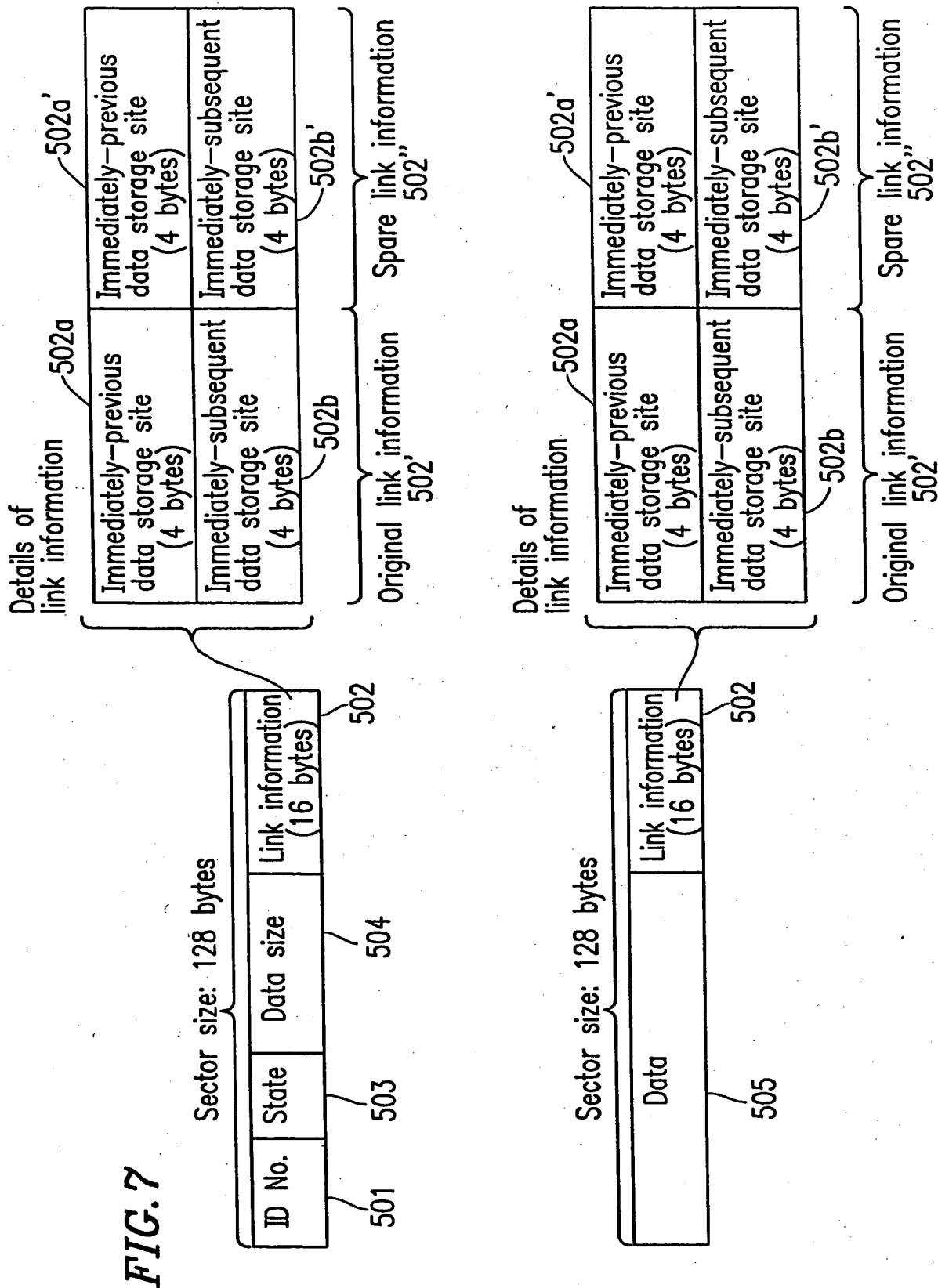


FIG. 6





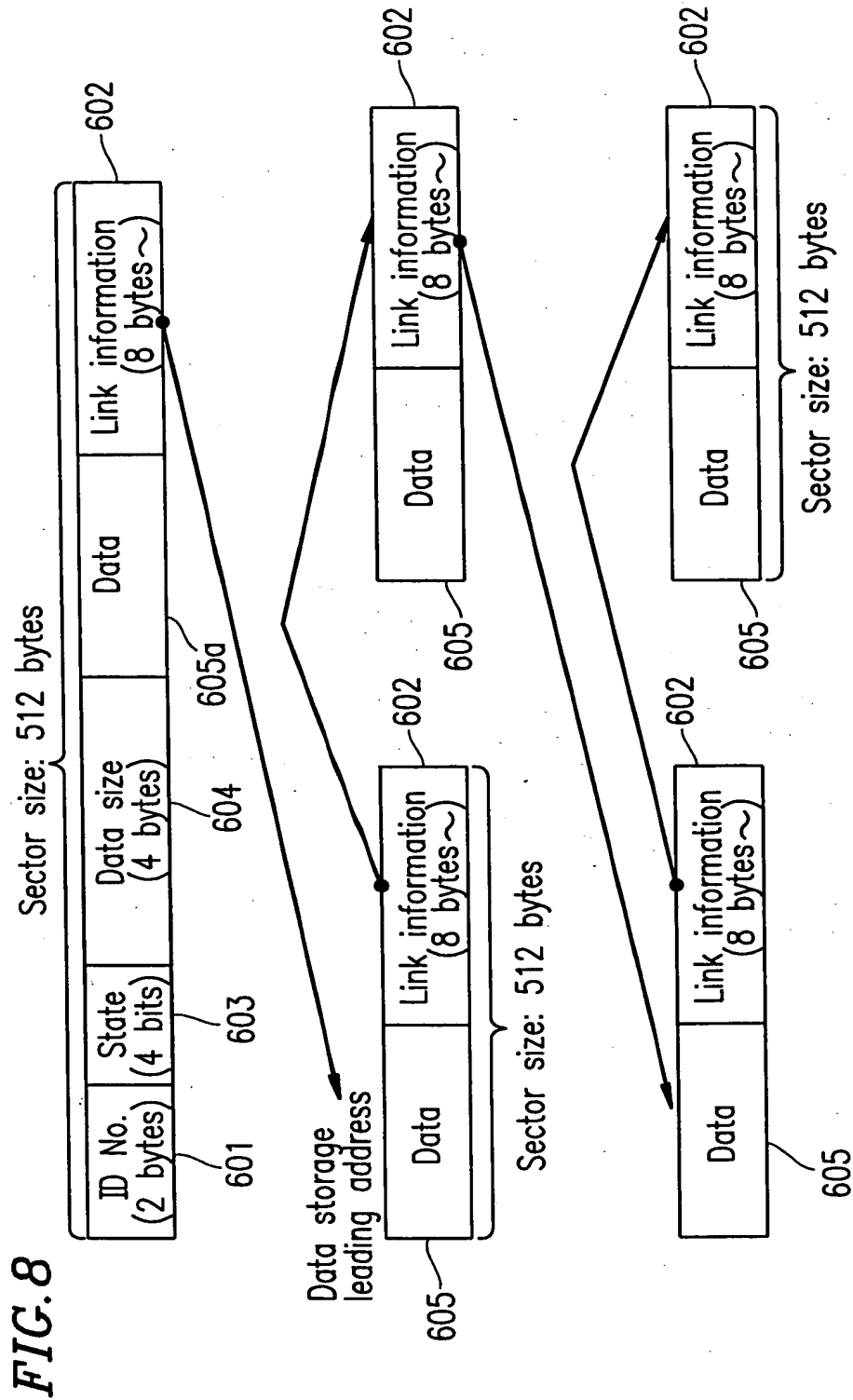


FIG. 9

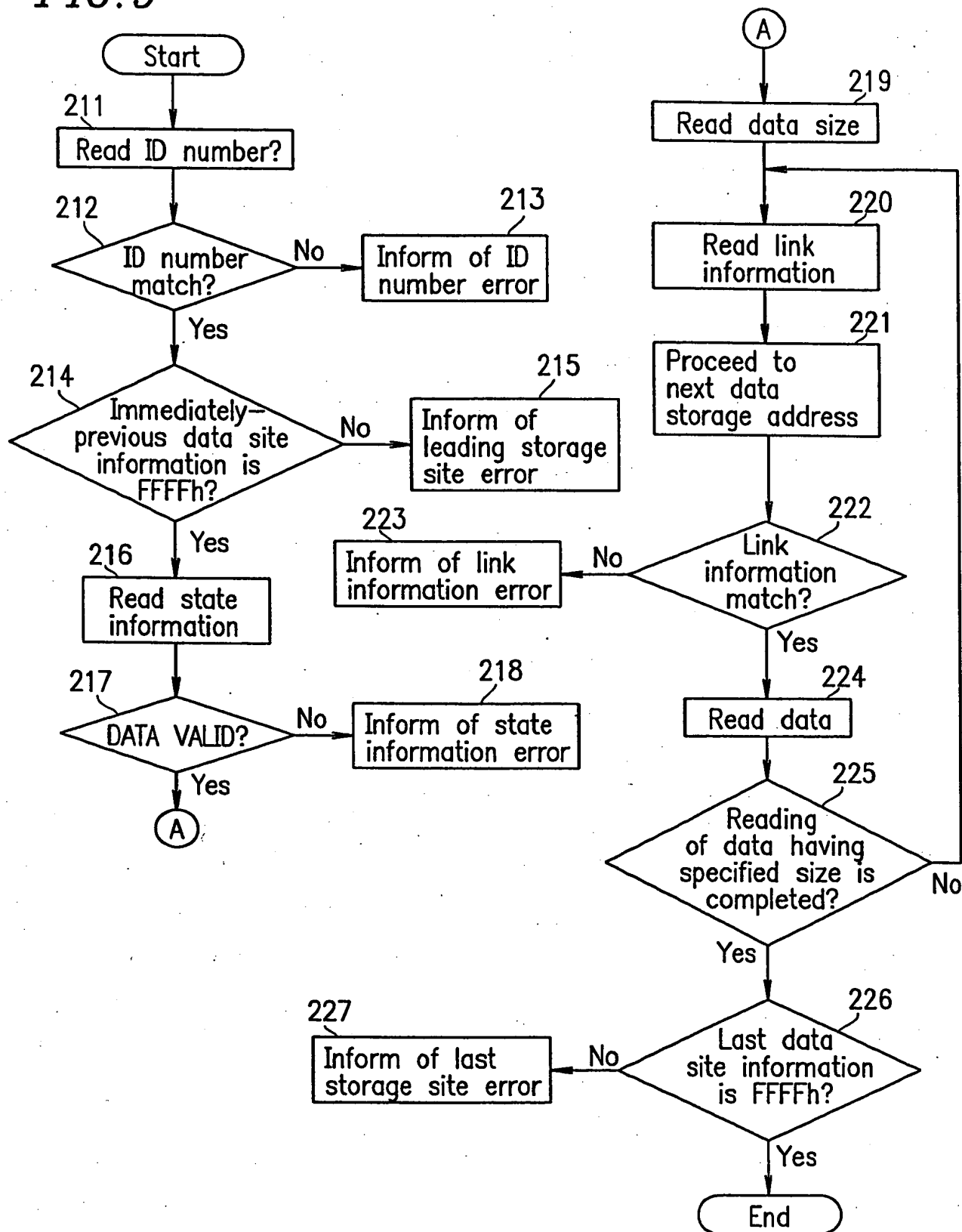


FIG. 10

Sector size: 128 bytes

ID No.	State	Data size	Link information (24 bytes)
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701 703

704

Details of link information

702a 702a' 702a''

Immediately-previous data storage site	Immediately-previous data storage site	Immediately-previous data storage site
Immediately-subsequent data storage site	Immediately-subsequent data storage site	Immediately-subsequent data storage site

702b

702b'

702b''

Original link information (8 bytes) 702' 1st spare link information (8 bytes) 702'' 2nd spare link information (8 bytes) 702'''

Sector size: 128 bytes

Data	Link information (24 bytes)
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705

Details of link information

702a 702a' 702a''

Immediately-previous data storage site	Immediately-previous data storage site	Immediately-previous data storage site
Immediately-subsequent data storage site	Immediately-subsequent data storage site	Immediately-subsequent data storage site

702b

702b'

702b''

Original link information (8 bytes) 702' 1st spare link information (8 bytes) 702'' 2nd spare link information (8 bytes) 702'''

FIG. 11

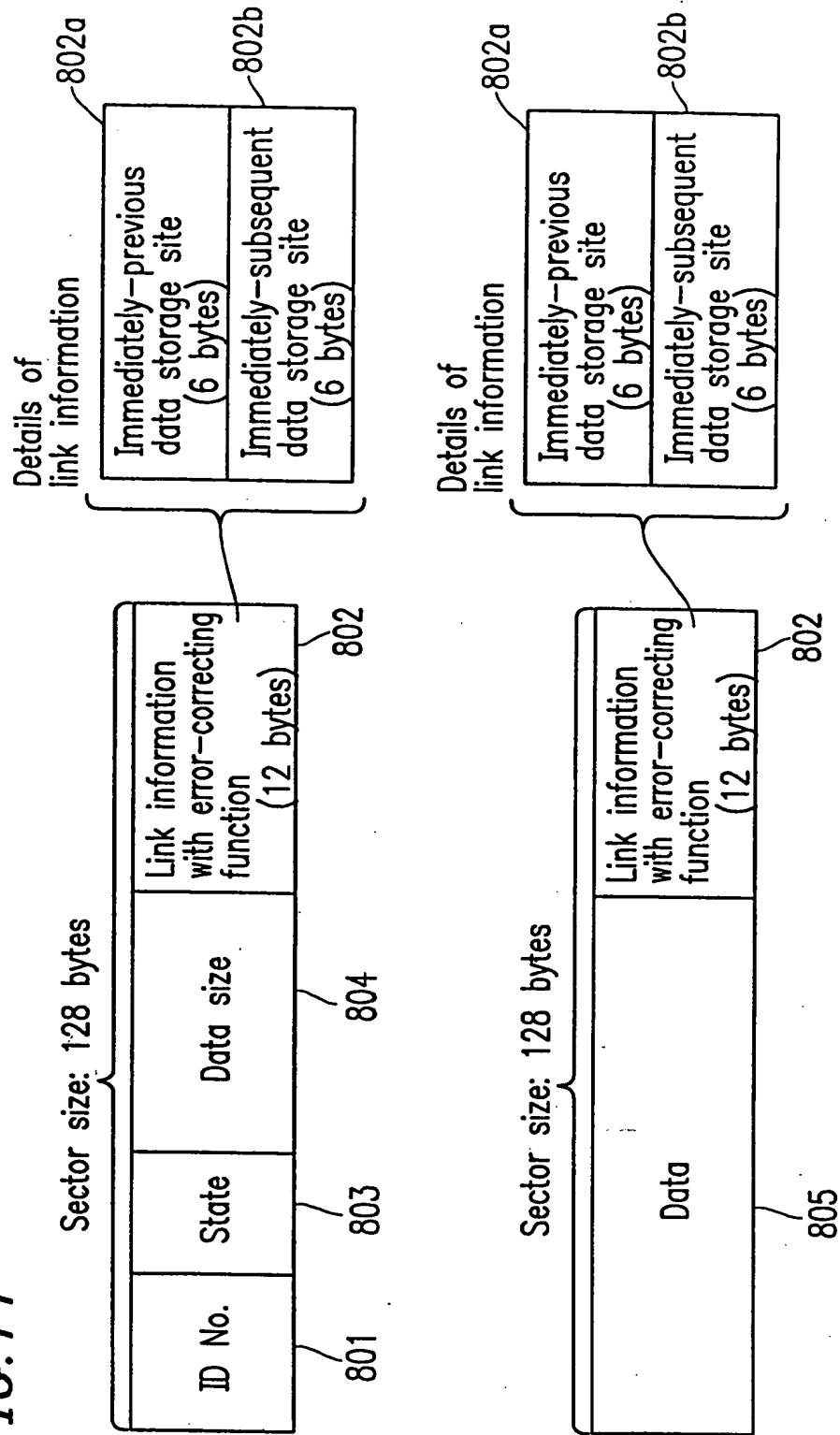


FIG. 12

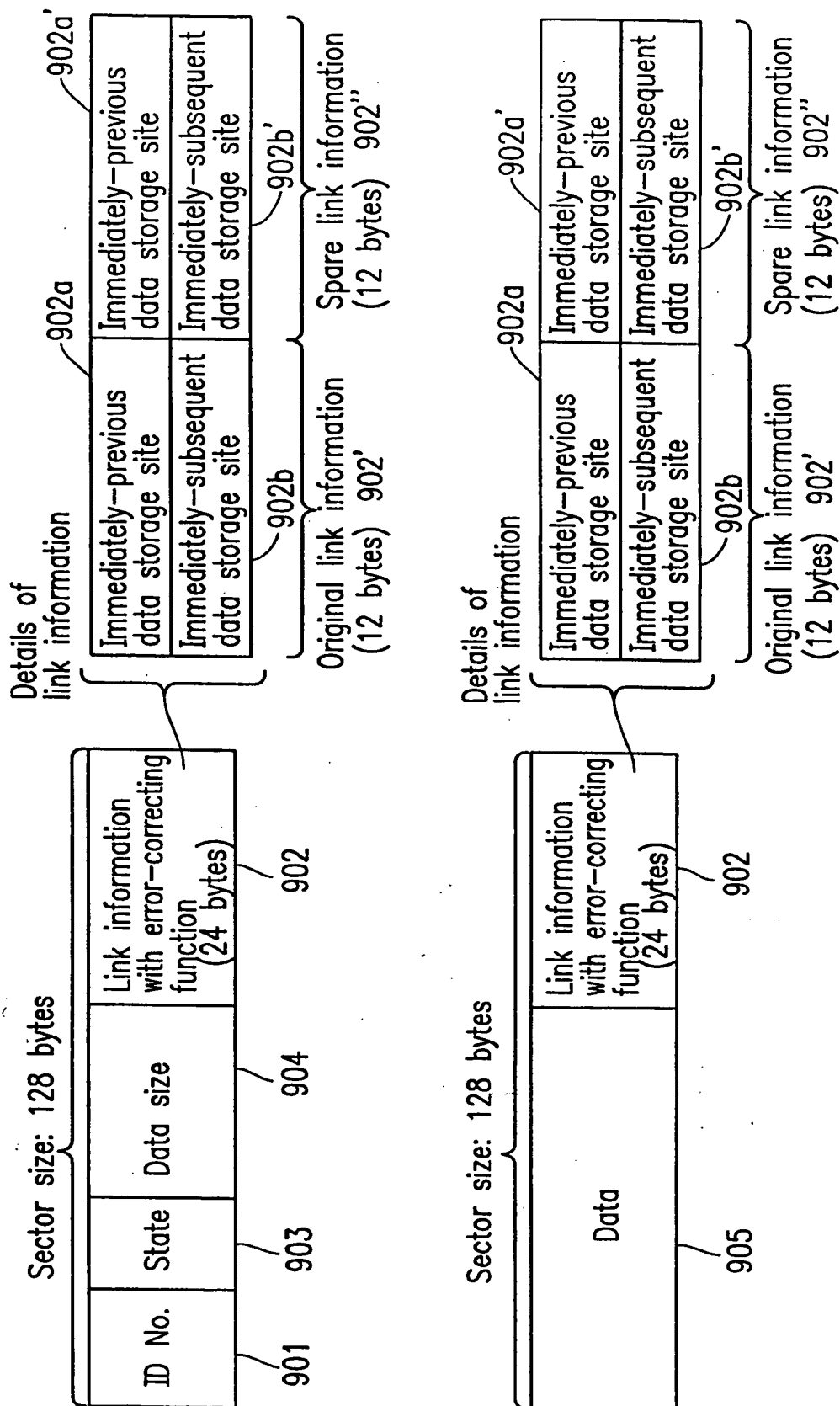


FIG. 13

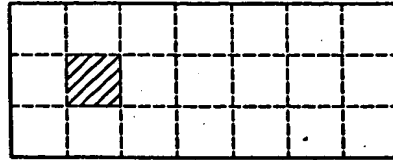


FIG. 14

Address No.	Flag
Data	

FIG. 15

①	②	③	④	⑤	⑥	⑦
⑧	⑨					

FIG. 16

①	②	③	④	⑤	⑥	⑦
⑧	⑨	⑩	⑪	⑫	⑬	⑭

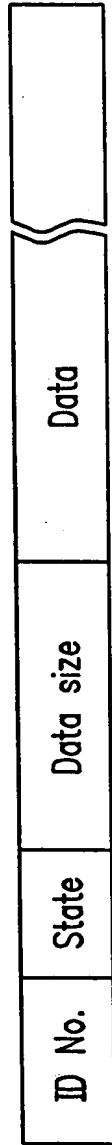
↓

①	③	④	②	⑤		

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01R00415

FIG. 17



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FIG. 18

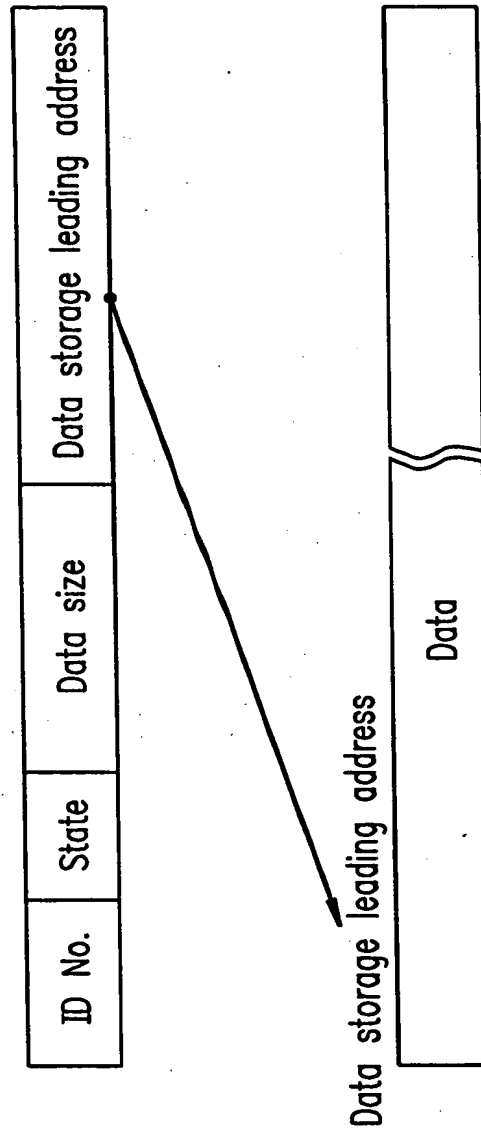


FIG. 19

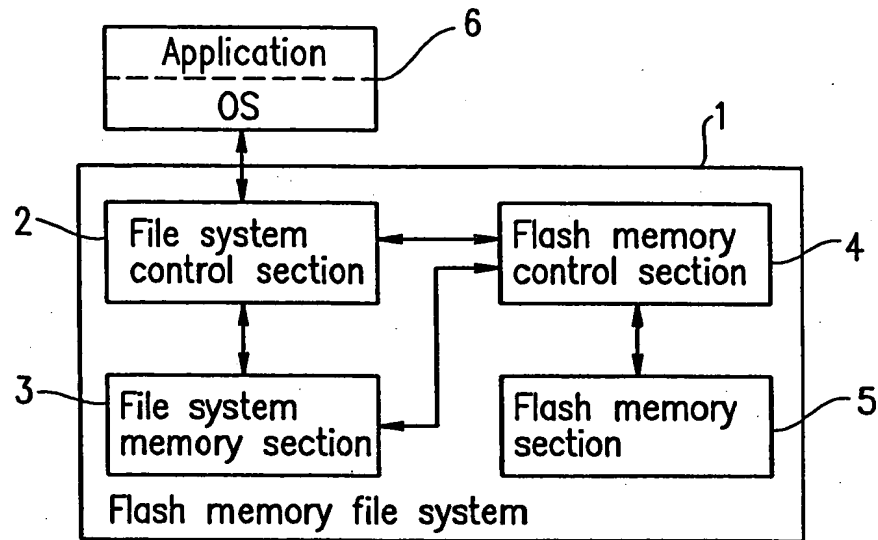


FIG. 20

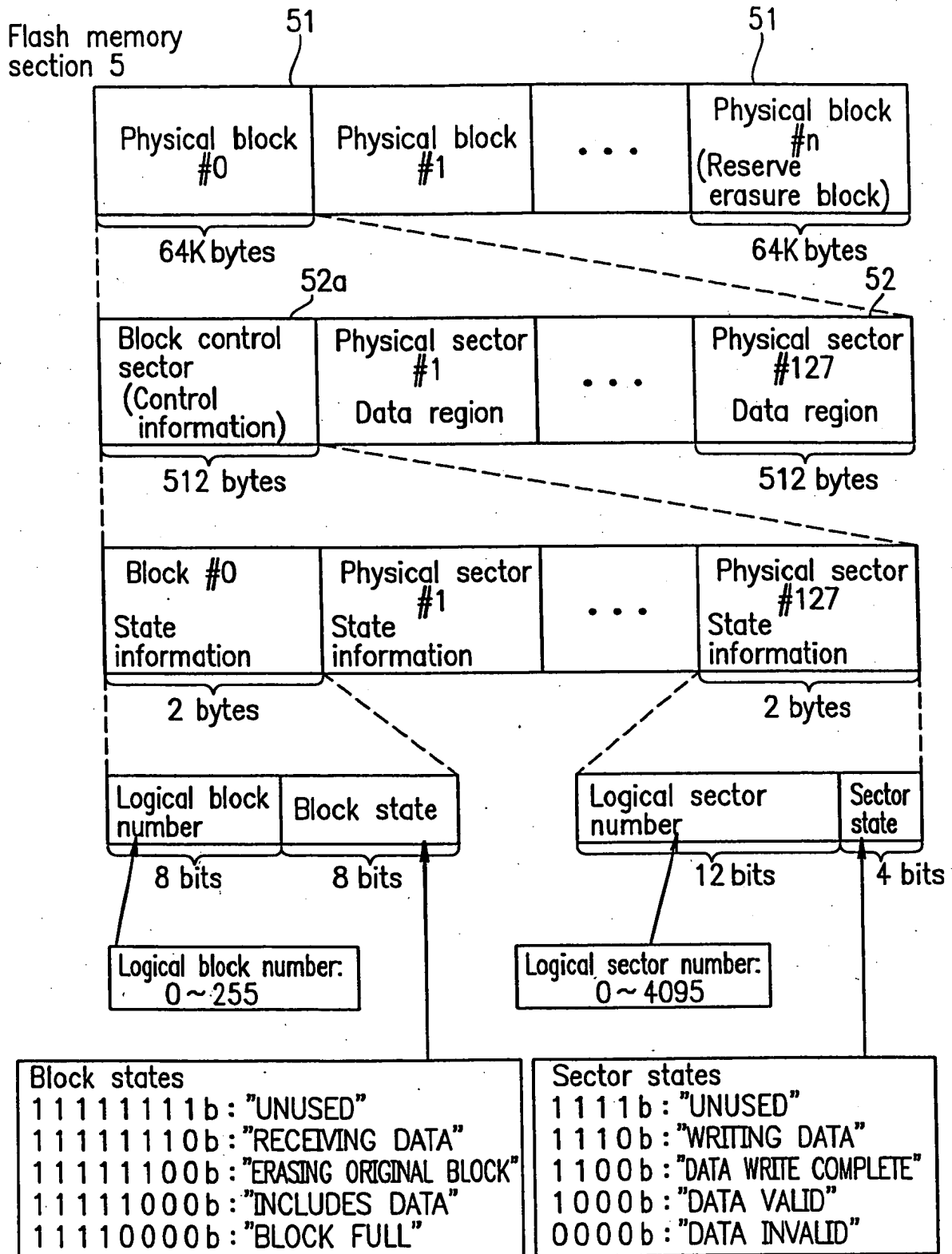


FIG.21

Block information table 10

Physical block number (PBN)	Logical block number (LBN)	Block state
0	0	INCLUDES DATA
1	1	BLOCK FULL
⋮	⋮	⋮

FIG.22

Sector information table 11

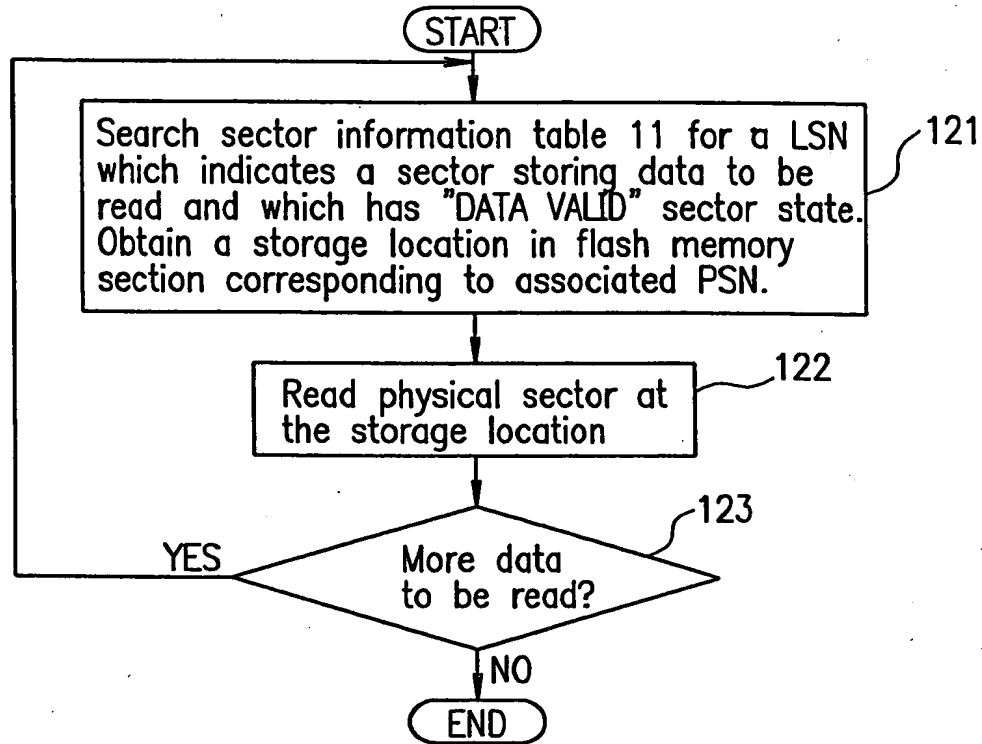
Physical block number (PBN)	Physical sector number (PSN)	Logical sector number (LSN)	Sector state
0	1	100	DATA VALID
0	2	10	DATA INVALID
⋮	⋮	⋮	⋮

FIG.23

Sector information table 12

Physical block number (PBN)	Number of "UNUSED" sectors	Number of "DATA VALID" sectors	Number of "DATA INVALID" sectors
0	100	20	7
1	0	50	77
⋮	⋮	⋮	⋮

FIG. 24



100107356-100704

FIG. 25

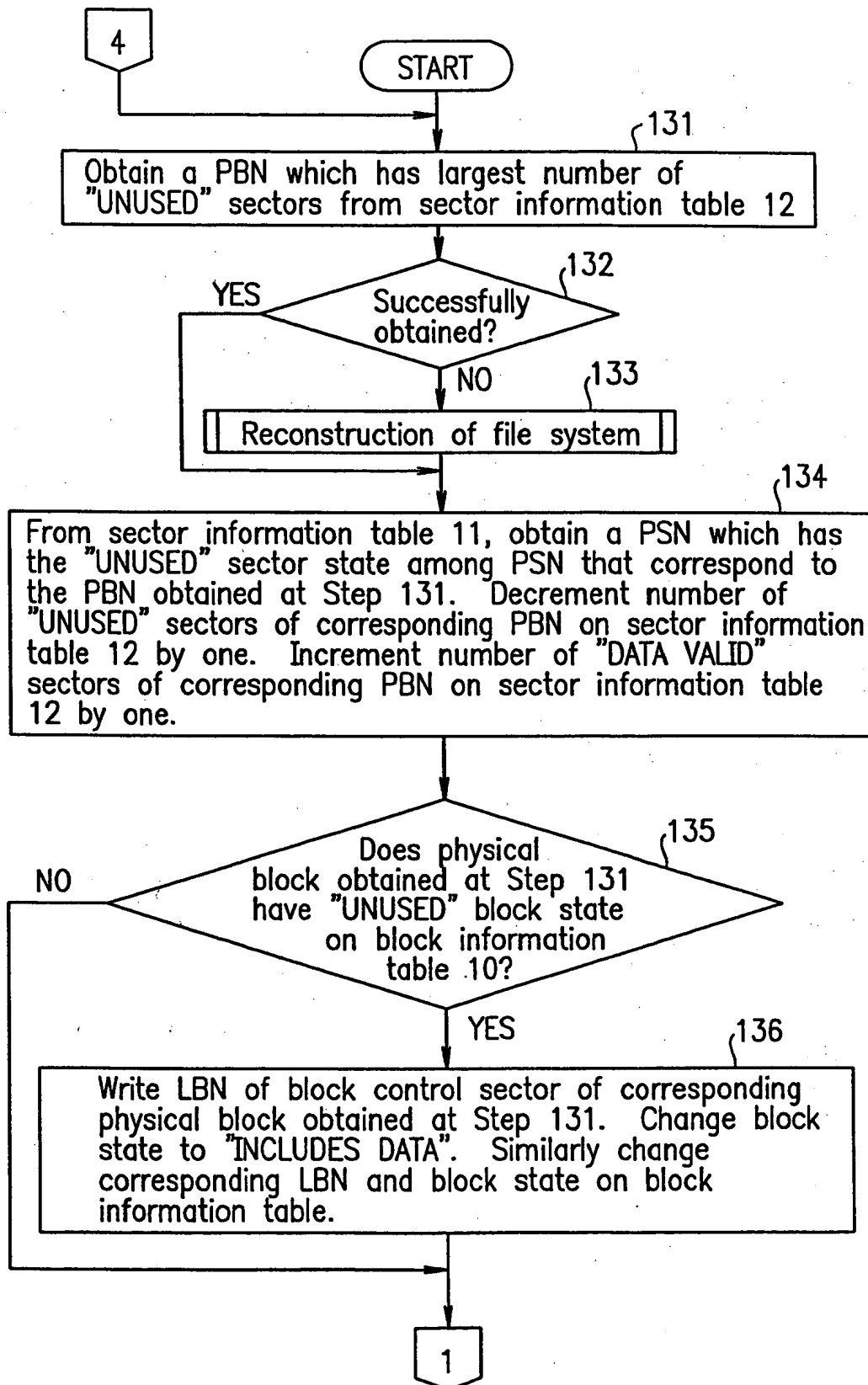


FIG. 26

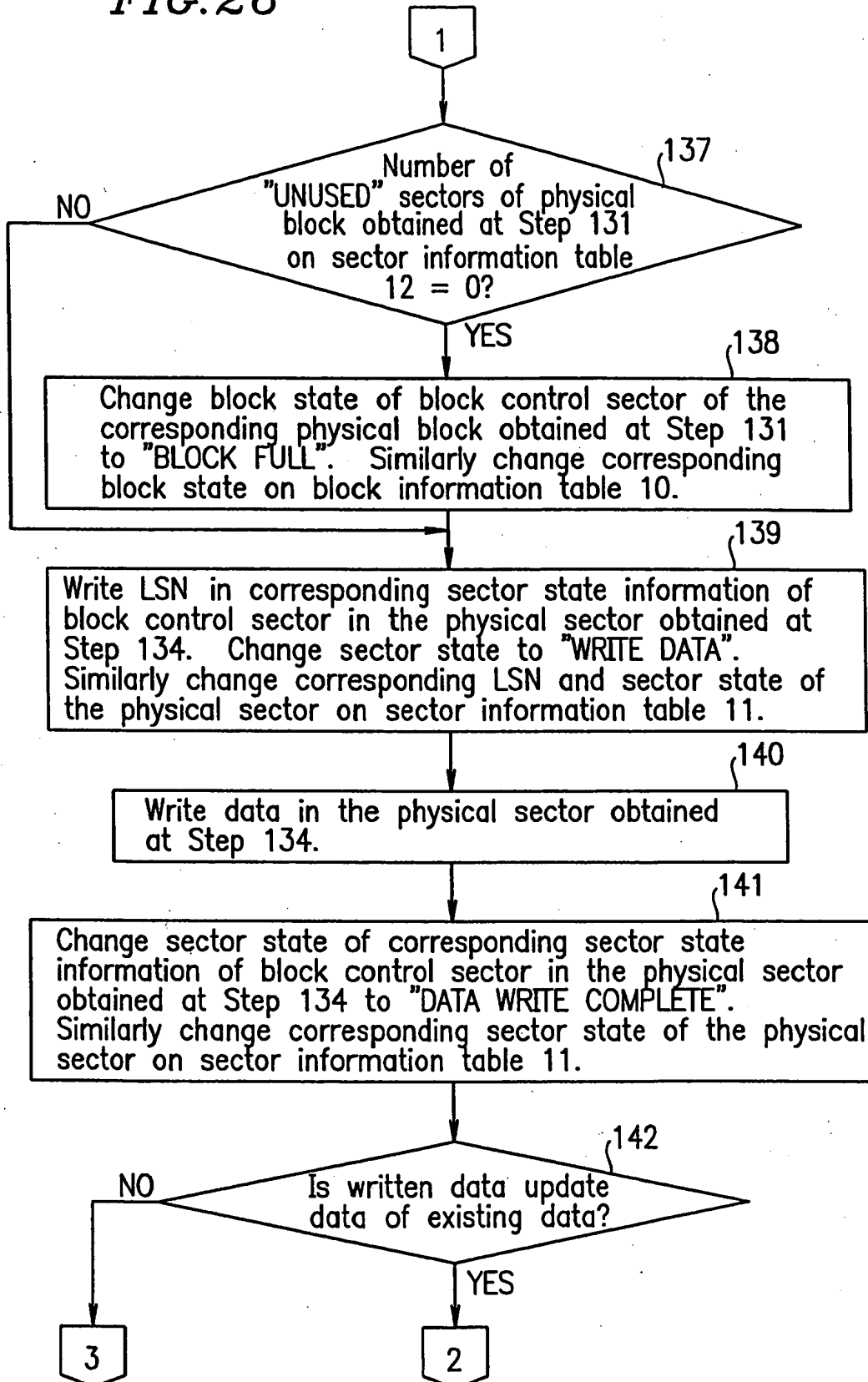
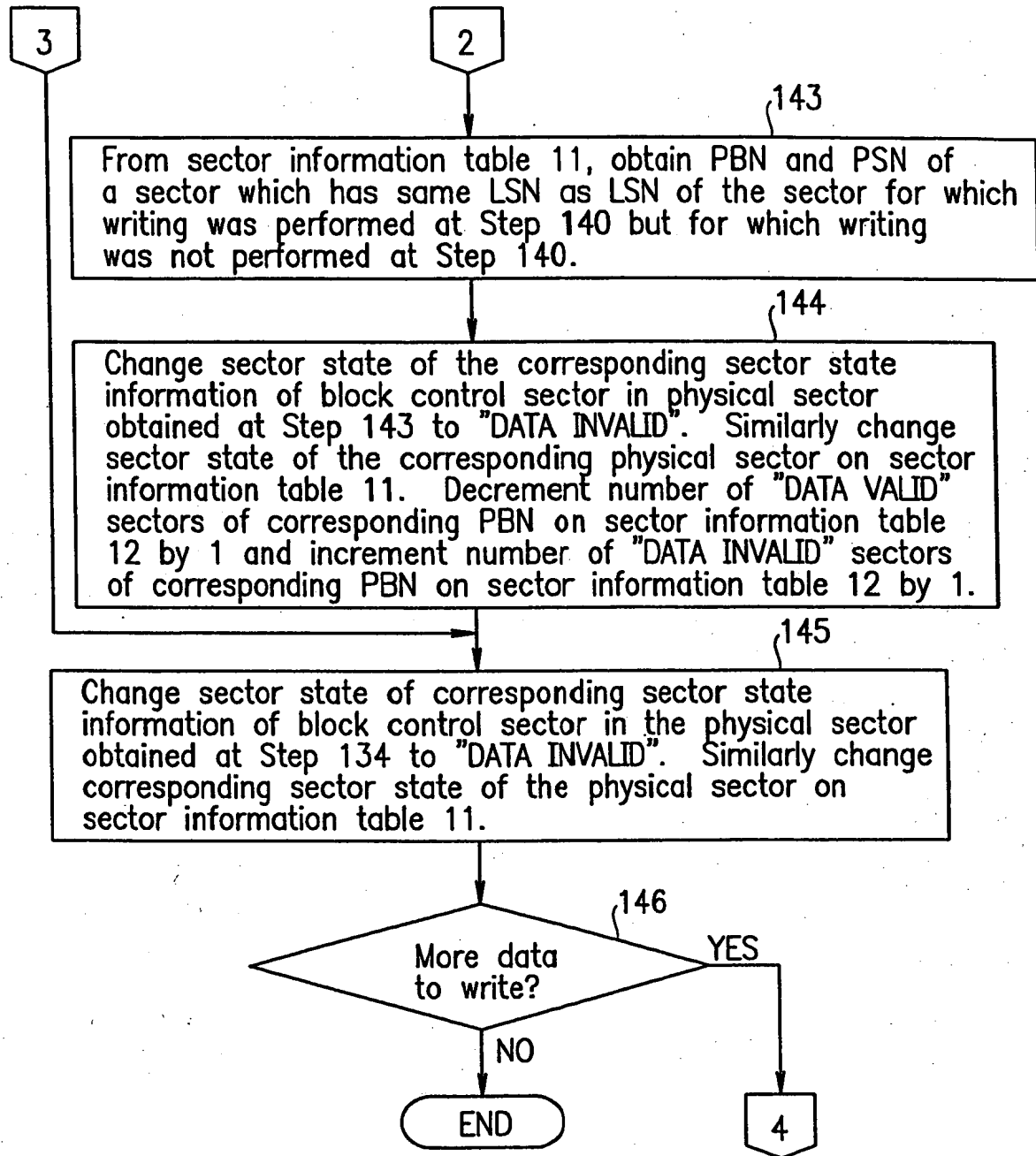


FIG. 27



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FIG. 28

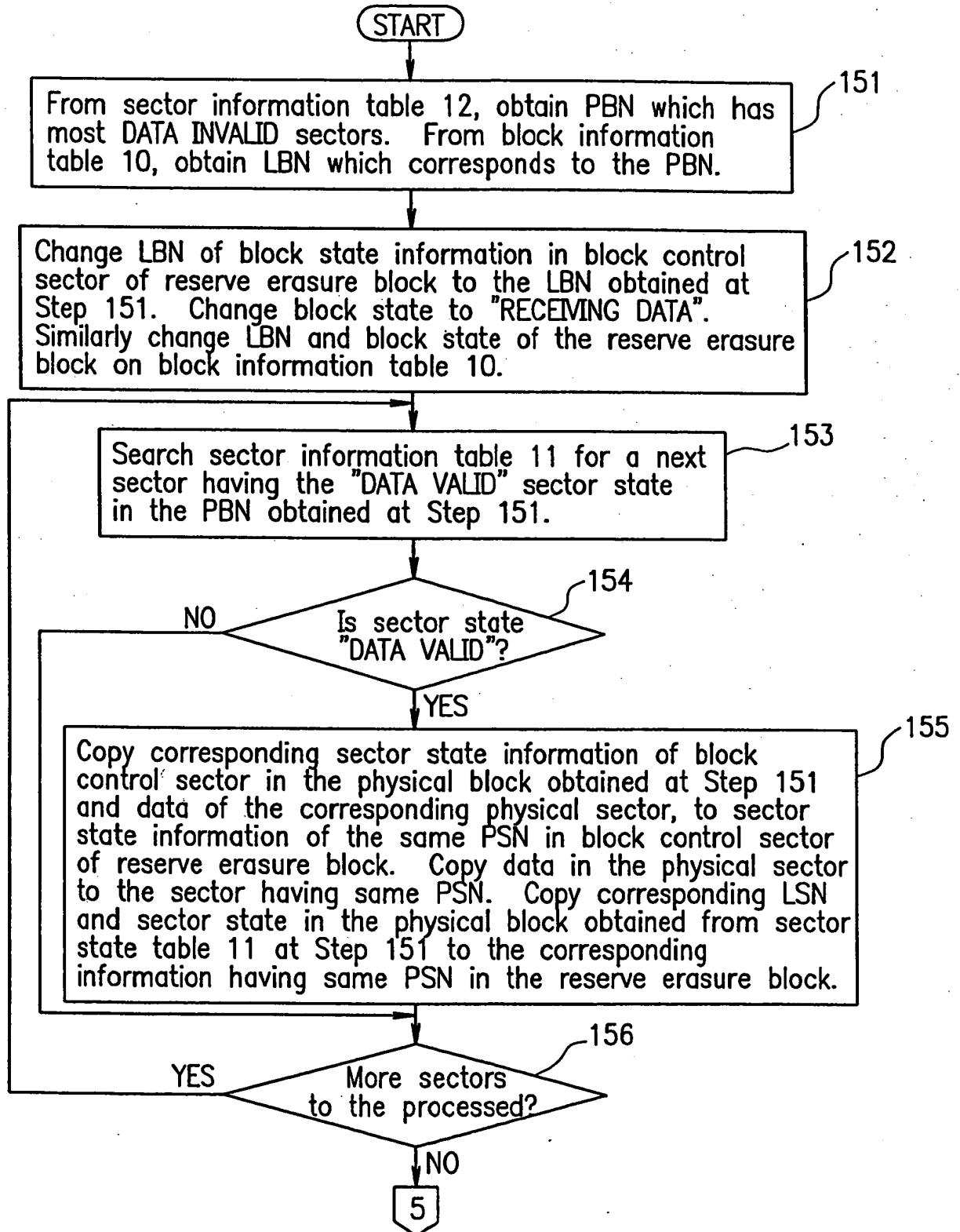


FIG. 29

